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(71) Applicant and

(72) Inventor: **O'HARA, Leonard [GB/GB]; 15 Reid Crescent, Milnathort, Kinross KY13 3TB (GB).**

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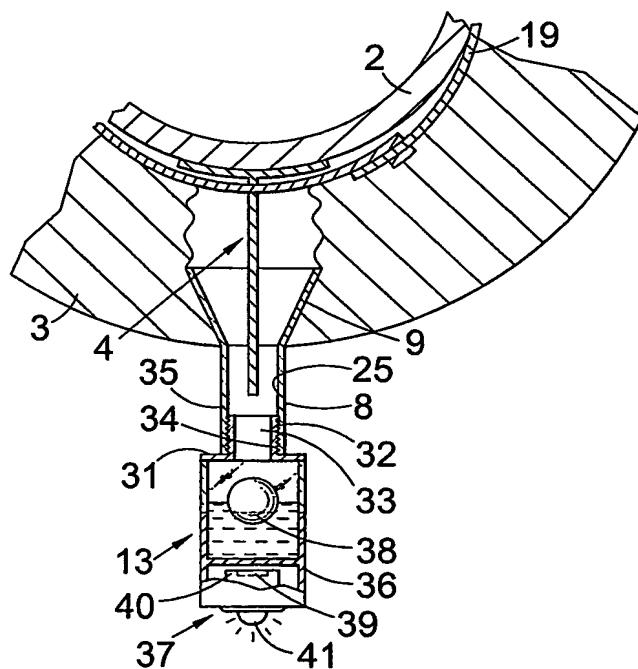
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(74) Agents: **MACDOUGALL, Donald, Carmichael et al.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).**

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(54) Title: **WATER INGRESS DETECTION SYSTEM**



(57) **Abstract:** The present invention provides a water ingress detection system (1) suitable for use in indicating the ingress of water (12) onto a pipe (2) or vessel inside a casing (3), from outside. The system (1) comprises a deflector (4) secured to the underside (7) of the pipe (2) inside the casing (3) provided thereon, a conduit (8) coupled to the deflector (4) for leading water (12) away from the pipe (2) to a water-sensing indicator device (13). The indicator device (13) has a signal output portion (17) disposed externally of the casing (3) for signalling the presence of water (11). The deflector (4) is formed and arranged for intercepting water (12) running along the exterior (7) of the pipe (2) inside the casing (3) and diverting it into the conduit (8), and the conduit (8) and water-sensing indicator device (13) are formed and arranged so that the indicator device (13) can sense substantially only water (12) intercepted by the deflector (4). In further respects the present invention provides a pipe or vessel provided with a detection system of the invention, and a method of warning of the ingress of water onto a pipe or vessel inside a casing from outside said casing, using a detection system of the invention.